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007/005 #6

CC S. Demczak

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DIVISION OF
OIL, GAS & MINING

November 8, 1993

Daron Haddock, Permit Supervisor
Division of Oil, Gas & Mining
3 Triad Center, Suite 350
355 West North Temple
Salt Lake City, Utah 84180-1203

Re: Scofield Waste Rock Disposal
Certified Report of Activities

Dear Mr. Haddock,

Attached is our certified report of activities at the Scofield Waste Rock Disposal site for the third quarter of 1993.

Attached is the laboratory result of the sample taken during the second quarter.

Sincerely,


Keith Zobel
Environmental Engineer

KZ:dk
Attachment

Utah Fuel Company

A SUBSIDIARY OF THE COASTAL CORPORATION
P.O. BOX 719 • HELPER UT 84526-0719 • 801 637-7925 • FAX 801 637-7929 • SALT LAKE 801 596-2111



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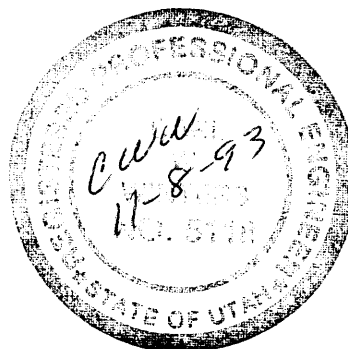
November 8, 1993

I, Carl W. Winters, do hereby certify that during the third quarter of 1993, approximately 460 cubic yards of gob material was hauled to the Scofield Waste Rock Disposal site. All material was spread and compacted into lifts not exceeding two feet in depth. Inspections of the site did not reveal any appearances of instability, structural weakness, or other hazardous conditions.

Carl W. Winters

Registered Professional Engineer

Utah Registration No. 5118



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P.O. BOX 719 • HELPER UT 84526-0719 • 801.637.7945 • FAX 801.637.7949 • SALT LAKE 801.596.0111



COMMERCIAL TESTING & ENGINEERING CO.

GENERAL OFFICES: 1919 SOUTH HIGHLAND AVE., SUITE 210-B, LOMBARD, ILLINOIS 60148 • TEL: 708-953-9300 FAX: 708-953-9306

SINCE 1908

Member of the SGS Group (Société Générale de Surveillance)

PLEASE ADDRESS ALL CORRESPONDENCE TO:
P.O. BOX 1020, HUNTINGTON, UT 84528
TEL: (801) 653-2311
FAX: (801) 653-2436

August 27, 1993

UTAH FUEL COMPANY
P.O. Box 719
Helper, Utah 84526

Sample identification by
UTAH FUEL COMPANY

Kind of sample Coal
reported to us

Sample taken at Utah Fuel

Sample taken by Utah Fuel

Date sampled June 23, 1993

Date received June 24, 1993

Scofield Waste Rock
Soil Sample

REVISED REPORT:
(CORRECTED SELENIUM)

Analysis report no. 59-161266

SOIL ANALYSIS

pH 8.1 units
Conductivity 3.08mmhos/cm
Saturation % 36.1

Rock Fragments 55.4 %
Total Nitrogen 0.38 %
Nitrate-nitrogen 1.52 mg/kg
Organic Carbon 28.4 %

PARTICLE SIZE ANALYSIS

% Sand 66.9
% Silt 20.4
% Clay 12.7

TEXTURE: Sandy Loam

SOLUBLE CATIONS

Calcium 21.0 meq/l
Magnesium 11.3 meq/l
Sodium 4.44 meq/l

Total Available Selenium
<.02 mg/kg
Total Available Boron
1.52mg/kg

Available Water Capacity
13.7 (1/3)
9.7 (15)

Sodium Adsorption Ratio 1.10
Exchangeable Sodium Percentage 0.39

ACID BASE POTENTIAL

Maximum Acid Potential 10.0 tons CaCO₃/ 1000 tons
Neutralization Potential 123.0 tons CaCO₃/ 1000 tons
Acid-Base Potential 113.0 tons CaCO₃/ 1000 tons

Respectfully submitted,
COMMERCIAL TESTING & ENGINEERING CO.

[Signature]
Manager, Huntington Laboratory

